



CHAIRMAN OF THE JOINT CHIEFS OF STAFF INSTRUCTION

J-6

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CJCSI 6240.01B

1 December 2001

RESPONSIBILITIES FOR THE JOINT TACTICAL AIR OPERATIONS INTERFACE TRAINING PROGRAM

References: See Enclosure B.

1. Purpose. This instruction sets policy and outlines combatant command, Service, and Defense agency responsibilities with regard to the Joint Tactical Air Operations (JTAO) Interface Training Program.
2. Cancellation. CJCSI 6240.01A, 30 November 1998, "Training Responsibilities for the Joint Tactical Air Operations Interface Program," is canceled.
3. Applicability. This instruction applies to all combatant commands, Services, and Defense agencies involved in JTAO.
4. Policy
 - a. Interoperable joint air operations command, control, communications, computers, intelligence, surveillance, and reconnaissance (C4ISR) systems are essential for command and control of all aspects of joint air operations. The JTAO interface is the linkage between Defense C4 systems used for command and control of air operations. A joint training program is necessary to ensure increases in combat capability afforded by the JTAO interface are effectively employed in all joint, allied and coalition military operations and exercises.
 - b. The JTAO Interface Training Program permits centralized management and participant execution of JTAO interface training to improve combat readiness. Participation of combatant commands, Services, and Defense agencies involved in joint air operations is essential. Incorporation of JTAO interface operational procedures and

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JTAO interface training objectives in joint, allied and coalition training exercises and programs will maximize training opportunities.

c. JTAO interface training is based on approved joint doctrine; joint tactics, techniques, and procedures; and joint standards contained in the references a - n.

d. JTAO interface training uses existing training instructions, programs, syllabuses, equipment, and facilities when practical.

e. Interface training encompasses all phases of JTAO interface design, planning, operation, management, and tactical employment.

f. A Joint Training Committee (JTC) will make recommendations regarding programs, activities, and materials for the JTAO Interface Training Program. JTC terms of reference (TOR) (Enclosure A) are maintained by US Forces Command (FORSCOM). Changes to the TOR are made in collaboration with the committee membership and forwarded to Commander in Chief, US Joint Forces Command (USCINCFJCOM), for review and approval.

5. Definitions. See Glossary.

6. Responsibilities

a. USJFCOM will:

(1) Be responsible for JTAO interface training and establish objectives for evaluation of those aspects of tactical command, control, communications, computer, and intelligence (C4I) systems compatibility and interoperability related to joint, allied and coalition training.

(2) Approve curriculum and ensure appropriate course certification for all training, including the Joint Interface Control Officer (JICO) Course, the Multi-Tactical Data Link (TDL) Advanced Joint Interoperability Course, and Network Design Course.

(3) Provide a written report annually to the Assistant Secretary of Defense for Command, Control, Communications, and Intelligence and the Joint Chiefs of Staff Director for Command, Control, Communications, and Computer Systems (J-6). This report should provide information regarding student throughput, exercises conducted, and curriculum changes.

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(4) Maintain joint billets for personnel supporting the JTAO training program.

(5) Include joint system training exercises (JSTEs) on their Master Exercise Schedule List of joint training exercises.

(6) Respond to JTC recommendations regarding required changes to the JTAO interface training syllabus.

(7) Review Service program objective memoranda after submission and evaluate impact on Joint Multi-Tactical Data Link School (JMTS) mission. USJFCOM will report discrepancies to the appropriate Service office and the Joint Requirements Oversight Council (JROC).

b. The Director, Defense Information Systems Agency (DISA) will:

(1) Support JTAO interface training through the DISA's Joint Interoperability Engineering Organization (JIEO).

(2) The DISA Military C2 Standards Division (IN) will assist combatant commands, Services, and Defense agencies in the identification of current joint TDL standards to be used as source documents for training. DISA IN will verify training materials are based on current and approved JTAO interface baseline documents.

c. FORSCOM will:

(1) Develop, plan, coordinate, and manage, in collaboration with the combatant commands, Services, and Defense agencies, a JTAO interface training program for operational forces based on the Joint Mission Essential Task List (JMETL) and designed to exploit the full capability of JTAO interface systems. The primary purpose of the training program is to increase overall US force combat readiness and capability. The training program will include training materials, in-garrison unit training, joint system training exercises, and JTAO interface field training exercises.

(2) Convene and chair the JTC and coordinate with the combatant commands, Services, and Defense agencies for representation or support.

(3) Develop, maintain, and administer the TOR in collaboration with the JTC membership.

(4) Implement JTAO interface training plans of instruction, programs, and materials for combatant commands, Services, and Defense agencies organic training as directed by USJFCOM.

(5) Develop JTAO interface training materials for allied or coalition nations when directed by USJFCOM.

(6) Develop and maintain a JTAO Interface Training Program library for cataloging and sharing training materials and assisting participants in avoiding duplication of effort.

(7) Provide a semiannual report (1 January and 1 July) to the Director for Operations (J-3) and the Director for Command, Control Communications, and Computer Systems (J-6), USJFCOM with copies to all combatant commands J-3/J-6 and the Joint Staff J-3/J-6 regarding the status of the JTAO interface training program. This report will include lessons learned and appropriate recommendations and request formal input from combatant commands regarding unique training requirements or newly identified shortfalls. The request will specify suspense date to coincide with annual JTC meeting.

d. Combatant commands, Services, and Defense agencies will:

(1) Annually review JTAO Interface Training Course of Instruction (COI) and semiannual reports and provide written comments to USJFCOM regarding COI adequacy and any recommendations for changes. Responses should be provided in sufficient time to be reviewed at the annual JTC meeting.

(2) Take programming, budgetary, and management actions to support their participation in the JTAO Interface Training Program.

(3) Provide a representative to annual JTC meeting and submit staffed recommendations to the JTC for improvements to the JTAO Interface Training Program. Services will identify shortfalls, issues, and concerns to the JTC as applicable. The JTC will convene annually or when necessary to address these items to facilitate quality training.

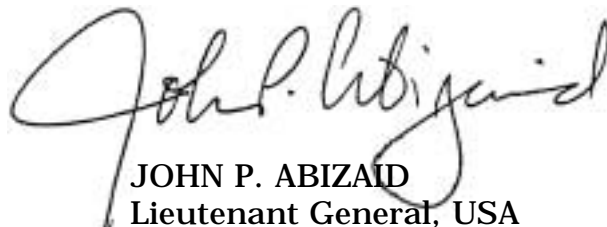
(4) Assist FORSCOM with development of the program and ensure training responsibilities are accomplished. The combatant commands, Services, and Defense agencies will designate a point of contact to coordinate the JTAO Interface Training Program within their organizations.

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7. Summary of Changes. Aligns USJFCOM and Service responsibilities with guidance provided by JROC.

8. Releasability. This instruction is approved for public release; distribution is unlimited. DOD components (to include the combatant commands), other federal agencies, and the public may obtain copies of this instruction through the Internet from the CJCS Directives Home Page--<http://www.dtic.mil/doctrine>. Copies are also available through the Government Printing Office on the Joint Electronic Library CD-ROM.

9. Effective Date. This instruction is effective upon receipt.



JOHN P. ABIZAID
Lieutenant General, USA
Director, Joint Staff

Enclosures:

- A -- Terms of Reference for the Joint Training Committee
- B -- References
- GL -- Glossary

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US Army Communications and Electronics Command	1
US Army Missile Command	1
USMC Systems Command	1

USMC Combat Development Center	1
USMC Tactical Systems Support Agency	1
Ballistic Missile Defense Organization	1

ENCLOSURE A

TERMS OF REFERENCE FOR
THE JOINT TRAINING COMMITTEE

[Note: These TOR were approved by the JTC in February 2001. Some of the references contained in this document (e.g., references to the DISA Joint Interoperability Engineering Organization] have been overtaken by event and will be updated at subsequent JTC meetings.]

1. Background

a. The Joint Tactical Air Operations (JTAO) interface is the linkage between Service Information Technology and National Security Systems used for the command and control (C2) of air operations, including air and missile defense and attack operations. Support for the JTAO interface is primarily focused on enabling the highest level of interoperability within the J-Series family of tactical data links, including Link-16, Link-22, Variable Message Format and Integrated Broadcast Service. The JTAO interface also includes legacy data links, including (but not limited to) Link 11A/B, NATO Link-1, and Army Tactical Data Link-1. Finally, the JTAO interface encompasses planning and coordination systems for tactical data links, including Theater Battle Management Core Systems, the Contingency Theater Automated Planning System, and US Message Text Format.

b. CJCSI 6240.01 directs combatant commands, Services, and Defense agencies to maximize participation in the JTAO Interface Training Program; take appropriate programming, budgetary, and management actions to support their participation in the JTAO Interface Training Program; and provide JTC representation and coordinated support in JTC matters. The major focus should be to reevaluate and revalidate the worldwide JTAO Interface Training Program and hold discussions on funding and mapping a strategy for the future.

c. Under CJCSI 6240.01 direction, the JTC was asked to review current JTAO training programs and initiatives, discuss current status and planned improvements for JTAO training, obtain attendee feedback on training effectiveness, and identify unit training requirements that will make the JTAO Interface Training Program better. The objectives and goals of the JTC are as follows:

- (1) Review training program requirements.

- (2) Present current status/planned improvements.
 - (3) Highlight training opportunities.
 - (4) Provide feedback on training effectiveness.
 - (5) Discuss unit training requirements.
 - (6) Review funding requirements for the JTAO Interface Training Program.
- d. The agenda consists of establishing goals, reviewing JTAO training materials, presentations on division overview, JMTS, operations support, funding, and numerous discussion periods.
2. Tasks. In accordance with CJCSI 6240.01, "Responsibilities for the Joint Tactical Air Operations Interface Training Program":
- a. FORSCOM will develop and maintain the JTAO TOR in collaboration with the committee membership and forward to the USCINCFCOM and Joint Staff for review and joint approval. The JTAO interface JTC decisions will result in recommendations to the USCINCFCOM for subsequent actions related to JTAO interface training.
 - b. USJFCOM has delegated lead operational authority for JTAO interface training matters to FORSCOM. The organization under FORSCOM charged with this mission is the Joint Interoperability Division.
 - c. The combatant commands, Services, and Defense agencies will maximize their participation in the JTAO training program and provide JTC representation and coordination support in JTC matters.
3. Objective. The objective of the JTAO interface training JTC is to provide a forum for addressing, coordinating, planning, and making requests for or recommendations on JTAO interface training methods, materials, and exercises. Specific areas of responsibility/duties include:
- a. Review policy and procedures.
 - b. Revalidate JTAO interface training requirements.
 - c. Complement Service interface training.
 - d. Identify warfighter needs/requirements for JTAO interface training.

e. Review issues and provide recommendations to USCINJFCOM and Joint Staff.

4. Work Sessions. Work sessions are convened at the call of the co-chairmen, normally twice per year or as required. Every attempt will be made to align work sessions by considering the scheduling of other combined meetings. Notification of the time, place, and agenda for each session will be made at least 30 days in advance. Work session summaries will be distributed within 45 days after each work session. After coordination from members and approval by co-chairmen, work session summaries will constitute the official record of the JTAO interface program JTC proceedings.

5. Approval Authority. All major recommendations or decisions of the JTC that require higher-level review or endorsement will be submitted to the USCINJFCOM and Joint Staff for approval. To resolve issues within the purview of the JTC, each combatant command, Service, and Defense agency will be allocated one vote. The JTC co-chairmen are also allowed one vote. All issues will be decided by a two-thirds-majority vote of those present unless declared substantive. In the event that an agreement cannot be attained on a substantive issue, the minority will present an alternative approach and all voting members will provide statements of impact for the proposal. The JTC co-chairmen will then refer the issue to the USCINJFCOM and the Joint Staff for resolution.

6. Membership. Membership will consist of O6-level representatives from all appropriate combatant commands, Services, and Defense agencies that have a vested interest or need regarding JTAO interface training. The Joint Interoperability Division (JID) and USJFCOM will co-chair the JTC.

a. Co-Chairmen. Chief, JID, and USJFCOM/J-6 or representative.

b. Primary Members/Principals. Joint Staff, combatant commands, Services, and Defense agencies.

c. Executive Secretary. Joint Interoperability Division.

d. Membership Change. Combatant commands, Services, and Defense agencies requiring JTC membership change will notify the co-chairmen, in writing, of proposed change and effective date of change.

7. Responsibilities

a. The USCINJFCOM is vested with overall management responsibility for the JTAO interface effort and will establish objectives for evaluation of

those aspects of tactical C4I systems compatibility and interoperability related to joint and combined training.

b. The Director, DISA, will support JTAO interface training as requested by FORSCOM through DISA's JIEO. The Director, JIEO, has assigned his center for standards to assist combatant commands, Services, and Defense agencies in the identification of joint tactical digital information link (TADIL) standards that will be used as baseline documentation and source documents to conduct training for DOD Service and agency system operators. The JIEO will assist FORSCOM and combatant commands, Services, and Defense agencies in identification and use of standards necessary to conduct JTAO interface training.

c. USJFCOM will maintain JTAO billets with duty at FORSCOM and delegate lead operational authority for JTAO training matters to FORSCOM.

d. FORSCOM will develop, plan, coordinate, and manage in collaboration with the combatant commands, Services, and Defense agencies, a JTAO Interface Training Program for operational forces designed to exploit the full capability of JTAO interface systems.

e. FORSCOM will convene and provide chairmanship for the JTAO Interface JTC to provide a forum for addressing, coordinating, planning, and making requests for, or recommendations on, JTAO interface training methods, materials, and exercises.

f. FORSCOM will develop, maintain, and administer, in collaboration with the JTC membership, the TOR for the JTC; and coordinate with the combatant commands, Services, Defense agencies, and JIEO for their representation or support in JTC activities, as required.

g. The combatant commands, Services, and Defense agencies will maximize their participation in the JTAO Interface Training Program through close coordination with FORSCOM in meeting the designed program objectives.

ENCLOSURE B

REFERENCES

- a. DODD 4630.5, 12 November 1992, "Compatibility, Interoperability, and Integration of Command, Control, Communications, and Intelligence (C3I) Systems"
- b. DODI 4630.8, 18 November 1992, "Procedures for Compatibility, Interoperability, and Integration of Command, Control, Communications, and Intelligence (C3I) Systems"
- c. ADatP 3, 4, 11, and 16, "Allied Data Publications (ADatP) (NATO)"
- d. MIL-STD-6004, 29 September 1995, "Tactical Digital Information Link (TADIL) C Message Standard (U)"
- e. STANAG 5504, Edition 2, "Tactical Data Link for the Control of Aircraft - Link 4" (NU)
- f. MIL-STD 6011A, 24 January 1997, "Tactical Digital Information Link (TADIL) A/B Message Standard"
- g. STANAG-5511, Edition 4, "Subject: Tactical Data Exchange - Link 11/Link 11B"
- h. MIL-STD-6013A, 1 March 1997, "Army Tactical Data Link-1 (ATDL-1) Message Standard"
- i. MIL-STD-6016, 7 February 1997, "Tactical Digital Information Link (TADIL) - J Message Standard"
- j. STANAG 5516, Edition 2, "Subject: Standards for Data Forwarding Between Tactical Data Systems Employing Digital Data Link 11/11B and Tactical Data Systems Employing Link 16"
- k. MIL-STD-6040, September 1997, "US Message Text Formatting Program - Description of US Message Text Formatting Program,"
- l. FORSCOM Handbook, 1 June 2000, "Joint Tactical Air Operations (JTAO) Interface Interoperability Handbook"
- m. FORSCOM Handbook, 1 September 2000, "Joint Tactical Air Operations Procedural Handbook"

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n. CJCSI 6610.01A, 5 January 2001, "Tactical Data Link
Standardization Implementation Plan"

GLOSSARY

PART I -- ABBREVIATIONS AND ACRONYMS

C4	command, control, communications, and computers
C4I	command, control, communications, computers, and intelligence
C4ISR	command, control, communications, computers, intelligence, surveillance, and reconnaissance
COI	Course of Instruction
DISA	Defense Information Systems Agency
FORSCOM	US Forces Command
JID	Joint Interoperability Division
JICO	joint interface control officer
JIEO	Joint Interoperability Engineering Organization
JMETL	Joint Mission Essential Task List
JMTS	Joint Multi-Tactical Data Link School
JROC	Joint Requirements Oversight Council
JSTE	joint system training exercise
JTAO	joint tactical air operations
JTC	Joint Training Committee
TDL	tactical data link
TOR	terms of reference
USCINCFJCOM	US Commander in Chief, Joint Forces Command
USJFCOM	US Joint Forces Command

PART II -- DEFINITIONS

joint tactical air operations. Joint air operations involving the employment of air power in coordination with ground or naval forces to gain and maintain air superiority; prevent movement of enemy forces and their supporting installations; and join with ground or naval forces in operations within the objective area in order to assist directly in attainment of their immediate objective and in support of joint force commander objectives.

joint tactical air operations interface. The boundary between similar and dissimilar C4I systems used in support of JTAO. The interface is composed primarily of tactical data links and their associated message standards, including joint links (Link 16, Link 22, Variable Message Format, and the Integrated Broadcast Service) and legacy links (Link 11/11B, Army Tactical Data Link 1, Situational Awareness Data Link, et al).

joint system training exercise. An exercise designed to provide training in planning, establishing, and managing the JTAO interface and executing simulated joint air operations conducted by selected Service C4I elements using Service-approved exercise scenarios.

joint interface control officer. The JICO is the senior multi-tactical data link interface control officer in support of joint task force operations. The JICO is responsible for effecting planning and management of the joint tactical data link network within a theater of operations.